

Collection no. 156

Key, Upton, Balderson

28. ix. - 23. x. 1968

Port Augusta

to Worsman

28/9

[Plant specimens det. N. T. Burdidge]

6827. Mildura. Took Arumpo road.

+ *Callitris robusta*

6833. Flat with sparse *Ulala* / to

pale brown

25 ft on / sandy-loam with ? *Cassia*

Cratogeomys sp. 1, *Chortocetes terminifera*,
sp. abundant to 8 ft + regrowth.

Capriata sp. 1 (j.), *Apotrochis vittata* (j.)

Ground layer of *Bassia* spp. +

Kochia spp. to 6 in + occ. *Kochia*

? *pyramidata* to 2 ft. Barley grass

+ succulents drying off, considerable

bare ground. Return.

6834. Mallee to 15 ft, rather open, on

Cratogeomys sp. 1, *Coryphistes ruficola* (j.),

flat, sandy brown soil, occ. *Callitris*

Apotrochis 20 ft, *vittata*, *Tapesta carniipes*,

robusta / *Bassia* spp. + other chenopods

Umsaguttulosa (j.), *Gemma nov. 95 ochracea*,

in large patches to 9 in.; some

nymphs (indet.)

barley grass drying, radia crucifer

Psilocaulon aff. *parviflorum* (Jacq.) Sch.

to 1 ft. Specimen of a prominent

succulent.

~~6839~~ Mildura

29/9

2904. Port Augusta

2906.2 Port Augusta West P.O.

2910.9 Turned left for Mt. Zue.

2911.2 Gutter, with *Acacia victoriae*,
Collitera variegata, *Caperrala* sp. 1, *Beplessia*
 to 8ft on red-brown desert loam,
 sp. 2, *Cratilopus* sp. 2, *Tapesta canipes*, *T.* sp. 2,
 leading to higher ground with
Whiteacacia sp. P114.
 shrubby *Kochia sedifolia*, salsolaceous
Aizoon quadrifidum F. Muell.
 shrubs + an aizoaceous shrub (spec.),
 all to 2ft. Annual *Atriplex* + succulents
 forming ground cover, with medics
 dense along gutter + a very little
 low grass.

2921.0 ^{brown} Undulating/sandy loam, with
Caperrala sp. 6, *Collitera variegata*,
 patches of stone av. diam. 2 in,
 open *Umisicella rubropunctata* to 1.5ft, *Umisia*
 bearing *Acacia* $\frac{1}{2}$ *soudernii* on ridge,
guttulosa, *Beplessia* sp. 2, *Mderolopholia* sp.,
 elsewhere *Kochia sedifolia* + other
Cupressa testacea, *Tapesta* sp. 2, *Achurimima*
 shrubby saltbush + bluebush to 2ft,
asimus
 with bladder saltbush + other
 ephemerals to 9 in in open formation
 with bare patches.

2923.3 Homestead SE. of Sugarloaf
 Hill

2923.5 Intersection. Took right fork.

2927.2 Top of low ridge. Very stony, as.
Peplisia sp. 2, *Bufonia* sp. 6, *Genus*
 diam. 2 in, on brown desert loam. Stones
 nov. 74 sp. 1, *Coparessa testacea*, *Caperrala* sp. 1,
 pale on top, where sparse belah to
Crafilopus sp. 2, *Achurimima asinus*
 10 ft. Dense *Atriplex vesicaria* + occ.
Kochia sedifolia to 1 ft. Annual
Atriplex + *Bassia* + other ephemerals
 to 6 in, patches of bare ground + stone.

2930.3. Nine Mile Bank.

2933.1. Intersection.

2938.2. Rise with red sandy soil, a few
Peplisia sp. 2, *Apotopis vittata*, *Caperrala*
 stony patches. Occ. *mulga* to 12 ft.
 sp. 1, *C.* sp. 6, *Ephanta quadrilobus*, *Stropis*
 + a few ? *Cassia* sp. to 5 ft. *Atriplex*
maculosa (j.), *Qualetta maculata* (j.), *Genus*
vesicaria + *K. sedifolia* to 18 in
 nov. 95 ochracea, *Chor. borealis* *hermifera*,
 abundant *Trichium* sp. to 9 in,
Coryphaster ruficola, *Tapesta* a soft. *carnipes*,
 considerable amount of *Anastida*
Unisiella rubropunctata, *Whiteacris* sp. P114,
 sp. to 6 in, some bare ground. Occ.
Achurimima asinus, *Resputia* sp. 9.

Sida sp. with associated *Ephanta*.

2938.7. Junction with quadrangle
 road.

2940.3. Cariewerloo H.S.

2940.8 Rocky hills + the intervening

4

Coryphantha ruscicola, *Apotropia vittata*,
saddle. Mallee + *Troodia* on hills,
sp. to 15ft, *Caperula* sp. 1, *C.* sp. 6, *Urnisa*
Myoporum, *Eremophila* spp. (2) to 6ft,
guttulosa, *Collitrea variegata*, *Argelota*
Acacia sp. + *Cassia* sp. occ. to 6ft,
diversipes, *Tapesta carneipes*, *Urnisiella*
K. sedifolia to 3ft, *Atriplex vesicaria*
rubropunctata, *Restaspia* sp. (j.), *Euphantus*
to 2ft, *Rhagodia* spp. to 18in. + other
quadrilobus, *Blepharidocaulon* sp. 2, *Cratilopus* sp. 2,
shrubs, ground layers of *Erodium* sp.,
Microsola sp. 10, *Pardillana* sp. 11 (j.), *Vandiermenella*
Bassia sp. + other ephemerals. Red
sp. 45b, *Achurimima asinus*, *Whiteoak* sp. P114,
sandy soil. *Proserpinaca* sp. P27/74.

2941.1 Took left fork.

2950.1 Wartaka H.S.

2951.5 Took right fork

2953.0 Long Dam

2954.9 Wartaka Reservoir

2956.9 Tank.

2958.3 Sister's Hill. Took right fork.

~~2959.0~~ 2959.0 Slope leading up to summit of
Keyaeria sp. P110a, *Achurimima asinus*,
Sister's Hill. Brown sandy soil with
Cratilopus sp. 2, *Tapesta carneipes*, *Qualetta*
numerous smooth red stones increasing
maculata (j.), *Bufopania crassa*
in size + number upwards. Summit
to 8ft.
with a spring *Acacia* + occ. *mulga*
Everywhere *Atriplex vesicaria* +

K. sedifolia, occ. *K. pyramidata*, all to 2ft, with occ. *Trichium* sp. & annual grasses to 9in.

2962.8. Woolshed Dam.

2967.0. Camped. Slope with red-brown *Achras* *asimus*, *Cratogeomys* sp. 2, *Qualeya* stony soil bearing *Ula* h to 15ft *maculata*, *Bufo* *crassa* (?), *Cupressa* with *Atriplex* *vesicaria*, & *K. sedifolia* *lestacea* & *K. pyramidata* to 2ft, occ. low forbs & grasses, leading down to a smaller gutter with *Acacia* spp. to 6ft.

30/9.

2980.4 ~~2978.9~~. Point where Corunna-Siam road crosses vermin-proof fence east of Uno H.S.

2987.2 Siam H.S.

2989.6. Junction. Kept left.

2994.3 Gully leading up to a ridge of *Cosphistes* *ruricola*, *Beplessia* sp. 2, *Miccollo* Hill. Red-brown sandy soil *Chortocites* *terminifera*, *Caperrala* sp. 1, *Apotropis* with variable amounts of stone. *Uittata*, *Cratilopus* sp., *Peganostictus* *seriatus*, *Acacia* *sowdenii*, *Ula* h & occ. *Mallee* *Urnisa* *guttulosa*, *Goniaca* *australasiae* (j.).

Oenaletha maculata (j.), Genus
to 15 ft, *Kochia sedifolia* to 2 ft, *Atriplex*
nov. 95 *ochysacea*, *Sephanthus quadrilobus* (j.),
vesicaria to 18 in, *Bassia* spp, Annual
Stropis maculosa (j.), *Achyrumina asinus*
Kochia sp., *Stipa* sp. + *Erodium* sp. all
Triodia towards summit
to 9 in., lichens on stones + soil.

2998.3. Lord Kitchen Dam.

3001.6. Nourning H.S.

3013.1. Turn-off to Kolendo Sta.

3014.0. Gentle slope to low hill, stony
Sephanthus quadrilobus, *Cratogeomys* sp. 2,
in places, with *Acacia sowdenii* &
Achyrumina asinus
mulga to 15 ft, *A. tetragonophylla* &
A. sp. to 8 ft, rather open *Kochia*
sedifolia to 3 ft, dense *Stipa* sp. to
10 in in flower, other shorter annual
grasses.

3015.5. Mannahie Dam

017.6. Second turn-off to Kolendo.

019.2. Conflagration Dam

022.1. Boundary Dam

024.1. Turn off to left.

028.1. Turn off to right

032.5. Fitzs Dam

032.9. Turn-off to Mt. Zue HS.

033.4. Small rocky hill with *Acacia*
to 15ft, to 6ft,
anura, *A. tetragonophylla* dense -
Achurimima asinus, *Keya* sp. P 110a, *Pyanostictus*
flowered *Eremophila* to 5ft, a few
seriatus, *Tapesta caniceps*, *Cratichneumon* sp. 2
other shrubs, leading down to lower
slopes & flat with well spaced
K. sedifolia & *Nitraria* sp. (?). Sparse
short annual grasses & forbs, much
lichen.

037.1. Turn-off to right.

038.0. Yardea Dam

039.8. Turn-off to Thurlga HS.

046.0 Turn-off to left.

049.7. Pandana Dam. Took left fork.

050.7. Flat on red sandy-loam with
Coryphistes ruficollis (j.), *Achurimima asinus*.
Acacia sowdenii to 15ft & *Kochia*

pyramidalis & ~~*Kochia*~~ *Atriplex*

vesicaria to 2ft leading up through

Heterodendron to 12ft to mulga to 15

ft on steep rocky hill & ultimately

Triodia only towards summit.

056.7. Turn-off to Moanaree

059.0. Turn-off to left.

060.8. Fork to left

062.4. Cross-roads.

070.0 *Esperda* H.S.

070.5. Took Heltaba fork.

071.2. $\frac{2}{3}$ Turn-off to right.

074.5. Turned off road.

075.0. Stopped at foot of stony hill
Typhaya semicristata, *Apotropis vittata*, *Azelota*
 with *belah* to 20 ft. ~~near base~~ &
sp. 1, *Cratilopus sp. 2*, *Dualletta maculata* (j),
 scattered shrubs of *Dodonaea sp.* &
Capperrala sp. 1, *Achurimima asinus*
 others to 4 ft. Various ephemeral forbs
 & grasses to 6 in sparse, lichen.

075.1 Back on road.

084.2. Turn-off to right

090.4 Progreso Dam.

092.2 Camp. Dense patch of *belah*

Typhaya semicristata
 to 20 ft with occ. rosewood, & an
 adjacent belt of mallee to 20 ft,
 intervening treeless area with
Calocephalus sp. & *Shipa sp.* to 9 in.
 Brown soil, occ. gravel, flat.

1/10.

3092.2 Depart camp.

099.8. Turn-off to right.

103.4. Intersection 1 mi. SE. of Hilbaba
H.S. Turned SSW.

104.3. Intersection & gate.

106.2 Rocky hill with *Triodia* sp. leading
Chortocites tenuifera
down to red-brown sandy-loam flat
patches of
with *Eulalia* to 25ft & rosewood to 15ft, #
& adjacent open *Dodonaea* sp. to 6ft,
Kochia sedifolia & *Nitraria* sp. to 2'6",
with *Stipa* sp. + annual grasses & forbs to
9in. & some bare ground.

112.0 Nasraby Tank.

112.9. Turn-off to right.

113.4. Collect. *Akhuirima asinus*?

121.2 Turn-off to right

126.8. Took right fork.

128.0. Took right fork.

130.5. Pale consolidated sand-hill with
Eremophila birtis (j.), *Petraspia* sp. (j.), *Pardollana*
mallee to 15ft. Several different shrubs,
sp. 11 (j.), *Monistria discrepans*, *M. latevittata*,
including *Dodonaea* sp., *Eremophila* spp.,
Apotopis vittata, *Genus nov.* 95 ochracea,

Coryphistes ruricola, *Prorifera* **10**
+ *Scaevola* sp. to 4ft moderately spaced,
granulosa
Troodia tussocks well spaced, litter
under mallee + patches bare ground.
Morabines associated with edges of
mallee litter, especially where shrubs
were, but apparently not on the
shrubs.

138.3⁴. Intersection at Wallala Hill

142.5. Cross-roads.

145.3 Turn-off to left.

145.8. Flat with pale sandy loam +
Prorifera sp. PIZTb, *Achras* *asinus*, *Gum* not.
massive concreted ~~coral~~ limestone.
95 ochraceous, *Apotopis vittata*, *Pardillana*
Mallee to 15ft with shrubs of
sp. 11(j), *Goniata australasica* (j), *Coryphistes*
? *Melaleuca* sp., *Eremophila* spp., *Cassia*
ruricola (j), *Chortocetes hernimifera*, *Typaya*
sp. to 5ft well spaced. Considerable
semicristata
bare ground, *Stipa* sp. to 10 in, occ.
forbs, annual *Kochia* sp.

149.0 Turn-off to left.

149.9. Turn-off to left to Pinbaada.

152.0 Turn-off to left " " " "

157.4. Turn-off to right.

157.6 Intersection. Took road to
Chimbingina.

161.4. Railway crossing.

166.3 Chimbingina

169.5. Jonico Eyrre Highway

182.0. Mallee to 15ft on slight rise with
pale brown soil. Scattered Melaleuca sp.

to 10ft + shrubby ^{? *Leijera linearifolia*} ~~Melaleuca~~ to 4ft.

^{*Typaya semicristata*, *Uonisa rugosa*, *Proserpinaca*}
Olearia sp. to 2ft, *Eremophila* spp. to

^{sp. P1276} 2ft. Litter + some bare ground. Morabine
associated with *Olearia*, but mainly
on litter around it.

189.3 Merghiny

189.8. Turn-off to Maltee

^{ca.} 199.0. Ceduna.

2/10.

3202.3 Ceduna depart.

208.5. Took left fork.

211.6. Junction with road to Denial
Bay.

213.3 Moule

3216.2 Pale sandy loam with mallee

to 20ft, Myoporum sp. to 10ft, ~~Myoporum~~
Geijera linearifolia
~~shrubby Myoporum sp. to 6ft, a~~
Cratystylis conocephala (F. Muell.) S. Moore
 silvery shrub (spec.) to 3ft, *Atriplex*
Achras sp. P33, *Proserpinaca* sp. P1276, *Coryphantha*
vesicaria to 18in., *Stipa* sp. to 1ft &
rupestris, *Urtica* *guttulosa*, *Quercus* sp. 32
 occ. forbs, some bare ground *Morabina*
Typha *semicristata*, *Paspalum* sp. 3 (g),
 includes mallees, apparently associated
Apocynum *vittata*, *Monarda* *discrepans*
 with silvery shrub.

218.6 cross roads.

220.3 Cross road.

221.8 Five intersecting roads.

224.8 Cross-roads.

226.1 Cross-roads.

228.1 Cross-roads

228.4 Dense mallee to 15ft, with
Melaleuca sp. to 5ft & occ. *Eucalyptus*
 spp. Much bare ground.

229.14 Cross roads

233.3 Turned left

234.5 Return.

235.8 = 233.3

3239.4 Cross roads

3240.1 Warababa. Took left fork.

3243.6 - Joined Eyre Highway

253.2 Penong

260.1 Turn-off to homestead.

266.3 Small-angle intersection from right.

269.1 Manandilla wells.

275.2 Junction of Fowler's Bay road to left (Bookabie).

276.9 Patches of mallee to 15ft. with
Coryphostes variabilis (j.), *Gonimaea* sp. 1, *Uromyza*
Melaleuca sp. to 2ft + scattered *Bassia*
Angianthus tomentosus Wendl.
 & an annual forb (spec.), both to 6 in
rugosa, *Genus* no. 95 dense ochracea, *Qualeita*
 amongst uniform *Stipa* sp. to 15 in
maculata (j.), *Chaetochloa tenuifera* (j.)
 with scattered forbs. Pale fine sandy
Apotropis vittata (j.), *Austroicetes pusilla* (j.),
 loam, gentle slope to top of low rise.
Achyrusina sp. P33.
 Morabine associated with the
 specimen forb.

289.0 Tallala Tank

298.2 Pintamba

299.9 Fowler's Bay turn-off.

3302.7 Boomerang roadhouse

304.0 Mundroo H.S.

306.2 Turn - off to left

314.9 Boundary, aboriginal reserve.

316.3 Patches of mallee to 20ft with
Eucalyptus linearifolia

occ. ~~*Myoporum* sp.~~ to 4ft, sparse *Bassia*
Typaya semicristata, *Gonocarpus australasica*,
sp. to 3in, much litter, separated by
Genus nov. 95 ochracea, *Profrax* spp.,
fairly dense *Stipa* sp. to 1ft, Pale
Achyras sp. P33.
fine sandy loam on flat.

317.6 Turned off to Colona H.S.

319.0 Colona H.S.

331.5 Gently undulating on pale
Genus nov. 95 ochracea, Genus nov. 32 sp. 1,
brown fine sandy loam with
Onoclea maculata (j.), *Typaya semicristata*,
Acacia sowdenii well spaced to
Genus nov. 41 sp. 1, *Beplessia* sp. 3, *Apobopis*
12 ft, scattered *Myoporum* to 10ft &
vittata, *Cratystylis conocephala*
regrowth, the pale grey bush of
Astricetes pusilla, Genus nov. 39 sp. 1, *Urtica*
earlier stops frequent to 2ft, *Atriplex*
rugosa, *Achyras* sp. P33, *Profrax granulosa*,
vesicaria less so to 1ft, *Bassia* spp.
& occ. *Trichinium* sp. to 9in on barish
spots, which have abundant
lichen on the soil, with various

colours, the rest of the surface with dense *Shipa* sp. in flower to 1ft. The two brachypterous spp. associated with bare lichenigerous patches, the morabine with the *Cratystylis* grey lurch + *Myoporum*.

3/10.

332.5. Tank.

334.8. Fence

337.1. Turn-off to left to Galata Mesa.

337.6. Monburn Tank.

344.2 Vermin-proof fence.

347.0 Tank.

347.4 Very open *Acacia* ^{to 20ft} *sowdenii* / *Cratystylis* *conocéphala* with scattered grey lurch to 18in, *Genus nov.* 32 sp. 1, *Achras* *minima* sp. P 33, *Shipa* sp. dense in flower, *Calocephalus* *morabine* *indet.* sp. + ? *Heliphorum* sp to 6in frequent.

Very gently undulating pale fine sandy loam with underlying limestone.

Chart. Morabines on grey ^{*Cratystylis*} lurch.

350.8 Fixed sand dune of pale fine

sandy loam with *Acacia sowdenii*
Cratystylis conocephala
 to 10 ft & *Myoporum* to 10 ft, grey bushes to
Typaya semieristata, *Beplessia* sp. 3, Genus
 18 in, *Atriplex ussaria* + *Bassia* sp. to
 nov. 32 sp. 1, white-flowered *Paspalia* sp. 9,
 18 in, abundant *Helipterum* sp. +
 Genus nov. 95 *Ochracea*, *Tapeta carneipes*,
 a small yellow composite to 9 in in
Profrera granulosa, *Achurimima* sp. P33
 dense patches.

354.7 Tank.

355.1. Boundary of beech plain.

Achurimima sp. P33, Genus nov. 95.
 A few *A. sowdenii* to 12 ft on plain.
Ochracea, *Typaya semieristata*, Genus nov. 41.
 Pale brown fine sandy loam. *K. sedifolia*
 sp. 1, *Beplessia* sp. 3
 well spaced to 1 ft, *Stipa* sp. in flower,
Bassia sp. & *Rhagodia* sp. under the
 trees, abundant *Helipterum* sp. &
Calocephalus sp. bare patches with
 mixed lichens.

360.4 Moondrah Tank.

368.0 Sandhill (consolidated) with
Macroplopholia spp. (2), *Beplessia* sp. 3, Genus
 well spaced *A. sowdenii* to 15 ft &
 nov. 40 sp. 1, Genus nov. 32 sp. 1, *Achurimima*
 occ. *A. sp.* to 6 ft. *K. sedifolia*
 sp. P33

abundant to 18 in., with *K. sp.* to 18 in,
Stipa sp. rather sparse, abundant

Helipteron sp. (white) to 9 in, *Rhagodia* sp. under trees.

370.8 Crossing of Zfand Lake.

Macrolopholia sp., *Coryphistes ruficola*, Pale sand dunes bordering lake, *Chortocetes tenuifera*, *Utricularia guttulosa*, leading to stony limestone rise with *Beplessia* sp. 3, *Oxalella maculata*, Genus lichen. A few *A. soudanensis*, shrubs nov. 40 sp. 1, *Tapesta carneipes*, Genus nov. 41 of *Acacia* sp. to 6 ft & regrowth, *Atriplex* sp. 1, *Utricularia rubropunctata*, *Achyras* ~~*minimata*~~, *vesicaria*, *Kochia* sp. P33. *Sedifolia* & *K. sp.*, other chenopods, scattered *Stipa* sp.

374.1 Pidinga Tank.

381.5 Flat on brown fine sandy loam *Capriala* sp. 6, *Beplessia* sp. 3, Genus nov. with *A. soudanensis* to 15 ft & *Heberodendron* 40 sp. 1, *Tapesta carneipes* to 8 ft in open stand. *K. sedifolia* to 18 in abundant, *K. spp.* to 1 ft, *Bassia patentiuspis* Anderson *Bassia* sp. (not spec.: marked "Beplessia" on this), *Rhagodia* sp. under trees, occ. *A. vesicaria*.

383.0 Crossed creek leading into salt lake to right.

385.2 Disused bank.

3392.0 Flat plain with very occ.

Bufo *crassa*, *Buphonia* sp. 3, *Caperata*
Pittosporum phyllioides, *Hindersonia*
 sp. 6, *Genus* nov. 32 sp. 1, *Tapesta canipes*,
maulosa, + *Acacia lebragophylla*,
Macrolophosia sp. (j.), *Pycnostictus seriatus*,
 Brown soil with bare patches bearing
Oxalis maclurei (j.), *Austroicetes pusilla*,
 limestone pebbles. *Bassia* & *Kochia*
A. nullarborensis

sp. to 9 in.; dead conifer to 18 in, ~~top~~
~~top~~ wild hop to 18 in in patches.

Austroicetes pusilla + *A. nullarborensis*
 annual
 in depression bearing grass to 2 in +
Bassia spp. to 4 in.

396.0 Tanks.

403.8 Gently undulating red sand
Utricularia *guttulosa*, *Buphonia* sp. 3, *Genus*
 with limestone pebbles. *Acacia*
 nov. 95 ochracea, *Comptosia runcicola*
lebragophylla, *A. sp.*, *Cassia* spp.,
 + *Hindersonia maclurei* in slight
 depression. Dead conifer to 1 ft, wild
 hop + other (dead) ephemerals.

411.0 Oldie.

412.0 Between sandhills along track
 running ESE of Oldie. Belah, mallee,
 mulga to 20 ft on sandhills, with

Dodonaea sp., *Eremophila* spp.,
Goniaca opomaloidea, *G. australasica*,
Myoporum sp., *Cassia* sp., & *Acacia*
Beplessia sp. 3, *Prozifera* sp., *Coryphistes*
 sp. all to 7ft & regrowth. *Olearia* sp. to
 18in. *Euphorbia quadrilobus*, *Arnisia*
 18in. Red-brown loose sand. *Helipterum*
guttulosa, *Achurimima* sp. P33
 (white) abundant, *Bassia* sp. on
 flat, dead crucifer to 18in. Morabine
 on litter under eucalypt, near
Dodonaea sp. ~~Return~~.

4/10.

3413.5 *Doldia*

3414.3 Undulating plain N of town.

to 6ft.

Heterodendron / *Cassia* spp., *Eremophila*
 ? *Geijera linearifolia*
 sp., *Myoporum* sp. to 3ft. on red-
Beplessia sp. 3, *Apotropis vittata*, *Macrolopholia*
 brown sandy loam with concretions
 sp. (j). *Strapiz maculosa* (j). *Arnisia guttulosa*,
 limestone. White *Helipterum* &
Euphorbia quadrilobus, *Coryphistes musicola*.
 abundant *Sida* sp. Return.

414.8 *Doldia*

431.5 Slight depression on heath

Beplessia sp. 3, *Genus* nov. 32 sp. 1,
 plain, pale brown soil with abundant
Macrolopholia sp. (j), *Euphorbia quadrilobus*,
 limestone concretions. Patch of
Apotropis vittata, *Chorizanthe terminifera*,
Pitheosporum phyllisoides with *Stipa*
Austrocytes pusilla, *Genus* nov. 40 sp. 1,

sp. + a 3ft suberaceous plant, Ground
^{Tapesta carniipes}
 cover of dead "ward's weed" + Bassia

sp. to 9 in.

434.5 Watson

444.8 Treeless flat plain with pale
 flat

brown soil + limestone exposures +
 Beplessia sp. 3, Genus nov. 40 sp. 1, Genus nov. 32
 stones. Atriplex vesicaria to 1ft fairly
 sp. 1, Genus nov. 41 sp. 1, Tapesta carniipes
 dense, with Ward's weed + Bassia
 + another fab, mainly dead, sparse
 sp. to 6 in leading to a patch of Stipa
 sp. with white Helipterum to 9 in.

453.6 522 Mile Camp

460.2 Treeless plain with pale brown
 Tapesta carniipes, Austroicetes nullarborensis,
 soil + limestone rocks + stones. A.
 Apotropis vittata, Macrolopholia sp., Genus
 vesicaria to 1ft in patches, with
 nov. 40 sp. 1 to 9 in.
 dead Bassia sp. + a succulent forb to
 3 in, scattered grass.

467.5 Fisher

476.0 Treeless plain with pale brown
 Beplessia sp. 3, Genus nov. 41 sp. 1, Genus
 soil + a little limestone stones.
 nov. 40 sp. 1, Genus nov. 32 sp. 1, Austroicetes
 A. vesicaria in patches with Ward
 nullarborensis, A. pusilla, Tapesta
 weed + sparse Stipa, patches have
 carniipes, Achyrinema sp. P33.

ground with lichen. The new
Beplessia has been on *A. vesicaria*
 from Doldea onwards.

Pycnostictus seriatus,
 3491.4 Camp. Treeless plain with
Beplessia sp. 3, Genus nov. 40 sp. 1, Genus nov.
 brown soil almost free from rocks &
 32 sp. 1, *Austroicetes pusilla*, *A. mullarborensis*,
 stones. *A. vesicaria* to 1 ft, mostly
Tapesta carneipes, *Utrisa guttulosa*,
 dense, with Ward's weed to 8 in & a
Coryphistes runicola, *Charoicetes terminifera*
 succulent forb to 4 in, sparse ~~grass~~
 NB. no *Beplessia* to light.
Stipa sp. Innumerable *Coryphistes* to light.

5/10.

3501.1 Cook.

3505.0 Treeless plain with soil as
Tapesta carneipes, *Apotrapis vittata*, Genus
 alone, patches of bare ground with
 nov. 32 sp. 1, Genus nov. 40 sp. 1, *Beplessia*
 abundant lichen. *A. vesicaria* &
 sp. 3
 occ. *K. sedifolia* dense to 18 in, low
 succulent forb to 3 in, sparse *Stipa*
 sp.

515.8 Took left fork.

516.2 Trig. point (392 ft)

520.9 Treeless plain with mainly
 Genus nov. 41 sp. 1, Genus nov. 32 sp. 1,
Stipa sp. to 10 in. Bare patches with
Austroicetes pusilla, *A. mullarborensis*,

lichens, small patches of *A. vesicaria*
Genus nov. 40 sp. 1, *Tapestria carneipes*,
 to 18 in & a tall grass, patches of 4-in-
Achillea sp. P 33
 succulent forbs.

522.0 Trig. point.

531.6 Treeless plain with *A. vesicaria*
Genus nov. 41 sp. 1, *Genus nov. green 32 sp. 1*,
 to 1 ft, *K. sedifolia* to 18 in, *Samolus*
Genus nov. 40 sp. 1, *Austrocyathus nullarborensis*,
 to 1 ft, patches of *Stipa* to 18 in, base
Beplessia sp. 3, *Tapestria carneipes*, *Urtica*
 patches with abundant lichen,
guttulosa
Bassia spp. & various annual
 forbs to 6 in. Soil as before, scattered
 limestone stones.

537.2 Intersection

545.8 Undulating treeless plain, with
 to 30 in *Genus nov. 41 sp. 1*, *Genus*
K. sedifolia / ? *Danthonia sp.* to 6 in
nov. 40 sp. 1, *Genus nov. 32 sp. 1*, *Chortocetes*
 on rise, leading to *A. vesicaria* to
terminifera, *green Pycnostictus striatus*,
 8 ft & finally *Samolus* in slight
Urtica guttulosa
 depression. Extensive bare ground
 with abundant lichen. *Beplessia* seen.
 (Jack got "SFA" here)

555.0 Vermen-proof fence

557.5 Treeless plain with soil as

alone. *A. vesicaria* + *K. sedifolia*
^{Genus nov. 40 sp. 1, Genus nov. 41 sp. 1}
 to 18 in, with samphire to 1 ft. Abundant
Danthonia sp. to 9 in + occ. *Stipa* sp.

3571.7 Mullarbor H.S.

3572.5 Type Highway

3581.6 Widely scattered *A. zowdenii*
^{Genus nov. 41 sp. 1, Genus nov. 32 sp. 1,}

on flat, pale brown soil with mainly
Tapesta carneipes (f.), *Tepaya semicristata*,
Stipa sp. + *Danthonia* sp., patches
Achurimima sp. P33
 of *K. sedifolia*, *A. vesicaria*, samphire,
 + *Viburnum* sp. Patches bare ground
 with lichens. *Rhagodia* under trees.

3594.5 Turned off to left.

3595.2 Camp site (see over)

6/10.

3595.7. Back on highway.

598.0 Wiganda Tank & wire-proof
 fence.

610.1. Cundalabbie Tank

619.1. Flat plain with pale fine sandy
 loam. *A. zowdenii* to 15 ft open, with
Cratystylis concavephala ^{Genus nov. 39 sp. 1,}
 grey wash from previous stops to 3 ft.
Keyseria sp. P110a, *Achurimima* sp. P33

Beplessia sp. 3, *Typaya semicristata*,
A. vesicaria to 18 in, occ. *K. sedifolia*,
Urucia guttulosa, *Genus nov. 41* sp. 1, *Genus nov.*
 other *Kochias* & *Bassia* sp., much
 32 sp. 1, *Austroicetes pusilla*, *A. nallathensis*,
Stipa sp. & *Danthonia* sp., patches bare
Pycnostictus sp. 2, *Genus nov. 95* ochracea
 ground with lichens.

623.4 Yangoonalie Tank.

631.0 Guinewarra Tank.

635.4 Turn-off to Keonalda.

637.3 *A. rowdenii* to 15 ft open,
Coryphites turicula, *Genus nov. 32* sp. 1,
 with occ. *Atriplex nummularia* to
Pycnostictus sp. 2, *Achrocinia* sp. P33
 5 ft. *A. vesicaria* in patches around
 trees, very dense *Stipa* sp. elsewhere,
 occ. bare patches with lichens.

638.7 Fence

to 3 ft

651.6 *K. sedifolia* + *A. vesicaria* to 18 in
Beplessia sp. 3, *Genus nov. 41* sp. 1, *Genus nov.*
 on pale brown soil on flat, with
 32 sp. 1, *Pycnostictus* sp. 2, *Urucia guttulosa*,
Stipa sp. & *Danthonia* sp. & bare
Genus nov. 40 sp. 1, *Genus nov. 95* ochracea,
 ground with lichens, fringed by sparse
Austroicetes pusilla, *Genus nov. 39* sp. 1,
A. rowdenii to 12 ft. Some green
Achrocinia sp. P33
 sump pine to 1 ft.

656.0 *A. rowdenii* & *Melaleuca* sp. to
 15 ft. open on slightly undulating

plain with *Abies nummularia* to
Beplessia sp. 3, *Coryphistes* *Cratystylis conocephala*
 5ft, *A. vesicaria* to 1ft, grey bush to
truncata, *Typsa* *semicristata*, genus nov. 41
 3ft, abundant *Shipa* + *Danthonia*,
 sp. 1, genus nov. 39 sp. 1
 another grass to 18in. Soil as before.

661.3 Campfire Tank

666.3. Gently undulating on same
Pycnostictus sp. 2, *Apotropis vittata*
 soil. *A. soudensis*, *Melaleuca* sp. +
platycarpum
Myoporum ? *duttonii* to 15ft, mallee to
 to 7ft,
 8ft, with *Abies nummularia*, *A.*
 to 18in, to 3ft,
vesicaria / grey bush / *Olearia* sp. to 18in,
Cratystylis
Eremophila sp. to 1ft, *Shipa* sp. dense
 between shrubs.

667.4. Bunahie Tank.

Bunahie Blowhole.

672.7 / Flat with same soil. Mallee
Apotropis vittata, *Beplessia* *Cratystylis* sp. 3,
 + *Melaleuca* sp. to 8ft, with grey bush
 genus nov. 32 sp. 1, to same, *Coryphistes*
 to 2ft, ? *Myoporum* sp. *Eremophila* sp.
terminifera, *Coryphistes* *truncata*, *Moribates*
 to 1ft, *Olearia* sp. to 2ft, scattered
discrepans, *Pycnostictus* sp. 2, *Anastroictes*
Shipa sp., bare ground with *lebens*,
pubilla ?, *Urnisa* *rugosa*, genus nov. 39 sp. 1,
A. vesicaria to 1ft. *Morabines*
 genus nov. 95 *ochracea*, *Cyphotheca* *Cratystylis*
 apparently associated with grey bush,
 sp., *Kyacris* sp. *Pilosa*, *Proifera* *spanner* (J.)
 ? *Myoporum* + *Eremophila*.

682.0 Tustin Mile Tank

683.5 At last stop, but a different
Prorifera spanneri *Cratystylis*
Eremophila sp. + no grey bush. Shrubs
 denser.

689.7 W. A. border.

697.0 Eucla Amber Motel

7/10.

697.0 Mallee + Melaleuca sp. to 15 ft
Eremophila weldii F. Muell. *discrepans*
 with grey bush, *Eremophila* sp. (spec.).
Zygophyllum willardii DC. *Pardillana*
 + a succulent shrub (spec.) on
 sp. 11, *Beplessia* sp. 3, *Goniaca australasica*, *Umisia*
guttulosa, *U. rugosa*, *Coryphoptes varicosa*,
 adjacent to Motel. Morabines around
Prorifera spanneri, *Goniaca* sp. 1.
 + on shrubs where adjacent to litter
 of euc.

711.4 Plain below escarpment on
Umisia guttulosa, *Beplessia* sp. 3, *Genus nov.* 41
 Pale fine sandy loam soil. *A. sowdenii*
 sp. 1, *Paspalia* sp. 10, ? *Geigeria linearifolia*
 + *Melaleuca* sp. to 12 ft, with *Agoposium*
Pycnostictus sp. 2, *Austroicetes pusilla*, *Typha*
 spp. to 4 ft, *Utraria ochroleuca* to 3 ft,
semicristata, *Cratystylis conocephala*
A. vesicaria to 1 ft, occ. grey bush,
Genus nov. 95 ochracea, *Prorifera spanneri*
Shepa sp. to 1 ft. some bare ground with
 a little lichen. Morabine associated.

with ~~Myoporum~~ ? Geijera.

715.0 Slight bend (marked "30")

724.3 Turn-off to left.

727.3 Lower slopes of scarp. Pale fine
Coryphistes ruficola, Tephrosia semicristata,
sandy loam. Mallee + Melaleuca sp.
Beplessia sp. 3, Genus nov. 32 sp. 1, Apotopis
to 15ft; occ. A. Dowdenu to 10ft, occ.
vittata, Urtica rugosa, Geijera linearifolia
Myoporum sp. to 10ft, ~~Myoporum sp.~~ to
Cratystylis conocephala Pycnostictus sp. 2,
6ft, grey bush to 4ft, scattered
Genus nov. 95 ochracea, Kuyacris sp. P110a,
A. vesucaria to 18in, Urtica schobeni
Barua sp. P180
at bottom to 4ft, Stipa sp. + Danthonia
sp. to 1ft. The P180 associated with
grass.

731.0 Road bends slightly to right east
of Yakcoorga R.H.

740.3 Intersection leading to Kuthala
Pass.

Genus nov. 41 sp. 1, Macrolopholia sp. (J.), Apotopis
746.2 Mallee to 15ft, Melaleuca sp. +
vittata, Tephrosia semicristata, Urtica
A. Dowdenu to 12ft, Urtica schobeni
rugosa, Pycnostictus sp. 2, Genus nov. 32 sp. 1,
to 3ft, A. vesucaria to 18in, occ.
Gomidia australasica, Beplessia sp. 3,
? Myoporum sp. to 18in. Much bare
Coryphistes ruficola.
ground with lichens, a little Stipa

sp.

747.8 Fence.751.7 Fence.758.1 Fence762.8 Turn-off to Mundrabilla H.S.

764.6 A. ^{platycarpum} ~~zowdenii~~ + occ. ~~Mycoporum~~ ~~7~~
 Beplessia sp. 3, Gums nov. 32 sp. 1,
 to 15ft, with occ. A. nummularia to 5ft,
 Apotropis vittata
 Hibiscus schobertii to 3ft, K. sedifolia +
 A. venecaria to 2ft, Zygophyllum (?) sp.
 to 6in, Stipa sp. patchy to 1ft, Bassia
 sp. + Kochia sp. to 9in, much bare
 ground with lichen, occ. samphire
 to 1ft.

767.9 Fence783.1 Slight bend to right.

784.0 Flat, soil as before. A. ~~zowdenii~~
^{platycarpum}
 + occ. ~~Mycoporum duttonii~~ to 15ft sparse,
 Cratystylis conocephala
 with K. sedifolia + grey bush, to
 Beplessia sp. 3, Typhala semigrisata, Gums
 2ft, ? ~~Mycoporum~~ sp. + Olearia sp. to
 nov. 32 sp. 1, Gums nov. 41 sp. 1
 18in, Bassia sp., Stipa sp.

797.4 Moondini Bluff. A steep, rocky.

to 25 ft,
 Portion of scarp, with mallee, *Melaleuca*
sp. to 15 ft, occ. *A. nummularia*, *A.*
Cratystylis conocephala
vescaria, v. occ. grey lush, at top
 + *Myoporum sp.*
Eremophila sp. to 18 in, with a
Pycnostictus sp. 2, *Genus nov. 95* ochracea,
 ? labiate to same height. *Stipa sp.*
Goniaca australasica, *G. sp. 1*, *Kuparis sp. 110 a*,
 in a narrow zone below summit.

812.7. Madura.

8/10.

814.5 Madura depart.

814.6. Mallee to 20 ft on rocky scarp.
Charoicetes terninifera, *Urnisa rugosa*
 with *Melaleuca sp.* to 10 ft, occ. *A.*
nummularia, *A. vescaria*, *Stipa sp.*,
 + low forbs.

824.9 Mallee to 20 ft on slight rise with
Urnisa rugosa, *U. guttulosa*, *Genus nov. 95*.
 bare ground + sparse *Stipa sp.*, leading
 ochracea, *Goniaca australasica*, *Genus nov.*
 to *A. sowdenii* to 10 ft with *A. vescaria*
 412 sp. 1, *Achuriminea sp. P33*
 + occ. *A. nummularia*, patches of
Basia sp. to 4 in. Pale brown fine
 sandy loam with some stones.

834.5. Mallee to 25 ft with fringing
A. sowdenii to 10 ft on slight rise.

Pycnostictus sp. 2, *Urnioa guttulosa*,
 Variety of shrubs to 2 ft. including
Pardillana sp. 11, Genus nov. 46 sp. 1, *Schus*
Eremophila spp. (3 or 4), *Myoporum* sp.,
 nov. 32 sp. 1, *Cratystylis conocephala*
Olearia sp. on rise; gray - bush, *A.*
Monistria discrepans, Genus nov. 41 sp. 1,
vesicaria, *K. sedifolia*, occ. *A. nummularia*
Coryphoctes muricula, *Replissia* sp. 3, *Tipaya*
laria, with *Stipa* sp. between, on
semicristata, *Apotopis vittata*, *Kuyacris* sp. P100
 leaves narrow. Much bare ground
Barrica sp. P180.
 with lichens on rise. *Coryphoctoid*
 genus on bare ground with sparse
 litter under trees.

842.2. Mile-post: Cocklebriddy 29 miles

843.6. Turn-off to Moorea to right.

845.1 Essentially as last stop.

858.9. Slightly depressed flat with
 Genus nov. 40 sp. 1, *Tipaya semicristata*,
A. vesicaria, *K. sedifolia*, *Stipa* sp. ∇
Apotopis vittata, *Achurimima* sp. P33
Barrica sp., W. occ. *A. nummularia*.

Soil as before, without stones. Some
 narrow patches with lichen.

Urnioa rugosa, *U. guttulosa*, *Pycnostictus*
 868.9. Low rise with mallee to 15 ft.
 sp. 2, Genus nov. 41 sp. 1, *Tipaya semicristata*,
 Bare ground under trees, elsewhere
Gonisia australasica, *Coryphoctes muricula*,
Stipa sp. + patches of *A. vesicaria* to 1 ft.
Replissia sp. 3, Genus nov. 32 sp. 1, Genus nov. 95
Pycno. serratus.

Ochracca, *Achurimima* sp. P33

871.2 Cocklebiddy

881.2 Flat, almost treeless plain with
Mairela ppholia sp., Genus nov. 46 sp. 1,
 brown soil & a few stones. *K. sedifolia*,
Urtica - to 18 in, *guttulosa*, Genus nov.
A. vesicaria / & *Stipa* sp. ~~at~~ to 10 in,
 32 sp. 1, Genus nov. 39 sp. 1, *Achyrimima* sp. P33
 scattered *Bassia* sp. Bare ground,
 sometimes with lichen. Occ. *Trifaria*
schoberi.

890.2 Arakiddy H.S.

Urtica guttulosa, *Pycnostichus seriatus*,
893.5 Treeless flat with *K. sedifolia* to
 Genus nov. 41 sp. 1, *Achyrimima* sp. P33
 18 in, *A. vesicaria* to 1 ft, *Stipa* sp. &

Danthonia sp., much bare ground.
901.1 Camp. See notes for notes.

9/10.

909.1 Small patch of mainly dead
to 7 ft

A. aneura / surrounded by treeless
Urtica guttulosa, Genus nov. 32 sp. 1, *Achyrimima*
 Plain with *K. sedifolia* to 18 in, Occ.
 sp. P33

Trifaria schoberi to same, *Stipa* sp. &

Danthonia sp. to 10 in, patches of
Bassia sp. to 5 in, bare patches with
 lichen, scattered stones & limestone
 exposures. Chert.

Myoporum platycarpum (copied)
921.9 Sparse ? *Myoporum deserti* to 15 ft.

A. tetragonophylla + *A. sp.* to 8ft, on
 Genus nov. 32 sp. 1, *Pycnostichus seriatum*,
 pebbly rise with *K. sedifolia* to 18in,
Apotropis vittata, Genus nov. 95 ochracea,
Stipa sp. + *Danthonia sp.*, leading to
Chortocetes terminalifera, *Sephanthus*
 a shallow depression with a taller
quadrilobus, *Achyras minima sp. P33*
Stipa sp. to 2ft. Bare ground with
 some lichen.

Genus nov. 40 sp. 1 (j.), *Bufo rania sp. 6*
931.9. Brown soil with stones & rocks.
Beplessia sp. 3, *Chortocetes terminalifera*,
 on flat plain. *K. sedifolia* to 18in, occ.
Typaya semicristata, *Urtica guttulosa* (3),
A. vesicaria to 1ft. Abundant *Stipa sp.*
Pycnostichus seriatum, Genus nov. 32 sp. 1,
 + *Danthonia sp.* to 1ft, bare patches
 Genus nov. 41 sp. 1, *Austroicetes nullarborensis*
 with some lichen.

934.6. Boundary fence, Rawluma Sta.

942.0 Fence.

943.2. Flat plain with small clumps

Austroicetes pusilla, *Tapeeta carneipes*,
 of *Heberodendron* to 8ft & other small
 Genus nov. 32 sp. 1, Genus nov. 41 sp. 1,
 trees. *Stipa sp.* + *Danthonia sp.* to
Chortocetes terminalifera, *Typaya semicristata*,
 1ft, with patches of *Helipterum*, *Sida*
Achyras minima sp. P33
 sp. & patches of bare ground. Brown sandy
 loam, occ. patches of rocks.

~~944.7~~ Fence

950.6 Flat plain with red-brown sandy

Umisia guttulosa platycarpum 33

loam. Belah, ~~Mysporum deserti~~, melga,
Chorizandra tenuifera, *Typaya semicristata*,
A. lebragonophylla & *Heterodendron* to ca. 10 ft.
Beplessia sp. 3, *Macrolophobia* sp. (f.), *Dualetta*
Danthonia sp. to 10 in, *Shipa* sp. occ. to
maculata, *Genus* nov. 32 sp. 11, *Pycnostictus*
1 ft, *Aristida* with long awn to 6 in.
seriatus, *Austroicetes pusilla*?, *Tapeta*
Barish patches with *Bassia* spp. &
carneipes, *Achurimima* sp. P33
forbs to 4 in, scattered pebbles & stones.

952.5. Fence

959.5. Fence

960.0 Intersection.

961.2 Fence

962.4. Rawluma

963.8 Fence = 961.2

969.0 ~~as~~ Fence

969.8. Rawluma H.S.

970.4. Fence.

972.6. Tool in right fork.

Typaya semicristata, *Umisia guttulosa*,

974.0. Almost heeler's plain with

Genus nov. 32 sp. 1, *Genus* nov. 41 sp. 1,

spaced *K. scdifolia*, *Danthonia* sp. &

Pycnostictus seriatus, *Austroicetes pusilla*,

some *Shipa* sp., thinning to bare patches.

Macrolophobia sp. (f.), *Genus* nov. 40 sp. 1 (f.),

Red-brown loam. *Tapeta carneipes*,

Achurimima sp. P33

977.9. Fence (into "Skyline")

981.9. Fence (into "Kwinana")

984.4. Gently undulating, red-brown
clay soil, 32 sp. 1, *Typha semicostata*,
soil, with some stones. An *acacia*
Onalissa maculata, *Pycnostichus seriatum*,
to 6ft well spaced, with occ. *A. tetragonophylla*,
Austroicetes nalla borealis, *Achyras*
well-spaced *K. sedifolia* to 2ft, much
sp. P33, *Peplissia* sp. 3
grass of *Danthonia* sp. & *Stipa* sp. to
1ft, with another *Stipa* to 2ft in
lower lying area.

987.5. Fence:

990.8. Camp site adjacent to a
depression in slightly undulating
country with brown sandy loam
soil. *Euphorbia quadrilobus*
Acacia sp. to 6ft well spaced,
with dense *Danthonia* sp. &
Stipa spp. to 18in, occ. bareish
spaces on higher ground, *Eragrostis*
setifolia in depression.

10/8.

994.8. Fence (out of "Supplement"?)

995.1 Slight rise with fairly dense

Genus nov. 32 sp. 1, *Pycnostichus virgatus*,
 but mainly dead *Acacia* sp. to 6 ft, with
Unisa guttulosa, *Tapesta carneipes*.
Stipa sp. & *Danthonia* sp. Extensive
Austroicetes nullaborensis ? (j.), Genus nov. 95
 rabbit worn, almost bare, with
ochracea, *Achurrimia* sp. P33
 spaced *Sida* sp., occupying much of the
 area.

4001.4 Fork to left.

4003.0 Fork to left (marked on map)

4003.4 *Heterodendron* to 12 ft &
platycarpum *Peplisia* sp. 3.
Myoporum deserti to 2 ft on slight
Unisa guttulosa, Genus nov. 95 *ochracea*
 rise with red-brown sandy loam.

K. sedifolia abundant to 2 ft, *Stipa*
 sp. to 18 in, patches *Bassia* sp. to 9 in.

Pycno. serratus.

4003.7 New fence into "Sunset".
Resputia sp. 10, *Tepaya semicostata*,

4009.9 Belah, *Acacia sowdenii*.
Austroicetes nullaborensis, *Apotropis vittata*,
Heterodendron all to 15 ft fairly dense,
 Genus *Cratystylis conocephala* nov. 95 *ochracea*,
 with grey bush to 4 ft, *K. sedifolia* to
 Genus nov. 6 sp. 2 (j.), *Pycnostichus serratus*,
 3 ft, *A. vesicaria* to 1 ft, occ, *A. nummularia*
 Genus nov. 40 sp. 1 (j.), *Unisa guttulosa*,
 to 6 ft, scattered *Stipa* sp., much bare
Quallita maculata, *Coryphistes ruficola*, *Peplisia*
 ground, some pebbles. sp. 3

012.2 Fence into Distaff. Road loop.
 to bore

4013.7. Turn round at bore.

4015.1 = 012.2 ~~Took left~~ Continued on main road.

020.0. Fence ~~into~~ out of Distaff

023.0. Took right fork.

023.5. Fence.

029.2. Small patch of *A. sowdenii* to *Chortocetes*, *terminifera*, *Pycnostictus* 10ft in open plain with *K. sedifolia*, *seriatus*, *Achurimima* sp. P33 to 1ft & *Danthonia* sp. & *Stipa* sp. to 1ft. Some bare ground with lichens.

040.0 Rise with *A. sowdenii* to 12ft, *K. sedifolia* to 2ft, *A. vesicaria* to *Chortocetes* *terminifera*, *terius* nov. 32 sp. 1, 1ft, *A. mummularia* to 4ft, *Stipa* sp. *Tappaya* ^{semin.} *cris. tata* & *Danthonia* sp. to 1ft, leading down to a flat-bottomed depression with *A. vesicaria* & occ. *K. sedifolia* & sparse grasses. Chort.

046.1. Boundary fence of Rawluma Sta.

047.8 Intersection & bank.

051.2. Low rise with brown fine sandy

Genus nov. 40 sp. 1, *Apotrochis vittata*,
 loam. *A. sordidum* to 15ft, occ. *Myoporum*
platycarpum, *Qualitella maculata*, *Pycnostictus*
~~deserti~~ to 20ft, *K. scdifolia* + occ.
seriatus, Genus nov. 95 ochracea, Genus nov. 41
A. vesicaria to 2ft, *Stipa* sp. to 1ft,
 sp. 1, *Beplessia* sp. 3, *Typhaya semicristata*
 bare patches with some lichen. *Beplessia*
 sp. in *A. vesicaria*.

052.0 Road in from left. right.

055.4 Double Tank.

059.2 Fence

063.2 Slight rise with *A. sordidum* to
platycarpum
 15ft, occ. *Myoporum* ~~deserti~~ to same,
Coryphistes ruficola, *Chrosticetes tenuifolia*,
 many dead, *K. scdifolia* to 2ft, occ.
Typhaya semicristata, *Urtica guttulosa*,
A. vesicaria, some *Stipa* sp., some
 Genus nov. 32 sp. 1, *Achrocinia* sp. P33,
Helipterum sp. to 5m. Bare ground
Pycnostictus seriatus, *Austroicetes* sp. (j.)
 patches with some lichen.

9.1
 068.9 Enu Point. ~~Road in from~~
~~right. Turned left.~~

Pycnostictus seriatus, P. sp. 2, *Austroicetes*

069.5 Spaced mallee to 30ft, w occ.
platycarpum mullarborensis,
Myoporum ~~deserti~~ to 15ft, *K. scdifolia*,
A. arida (?) (j.), *Cratystylis conocephala*
 abundant to 2ft, grey. bush occ. to
A. pusilla (j.), occ. *Urtica guttulosa*, *Beplessia*
 3ft, *A. vesicaria* to 1ft, *Stipa* sp. abundant
 sp. 3, *Goniaca australasica*, *Pardillana* sp. 11,
Helipterum sp. abundant, bare ground
Coryphistes ruficola, Genus nov. 6 sp. 2 (j.), *Typhaya*
semicristata, *Qualitella maculata*, Genus nov.

& little under trees. *Apotropis vittata*.

073.0. Fork ^{N. of} ~~at~~ ^{l.} Goodfetherina Tank. Took right hand track.

074.7 Fence. Turned left down it.

084.0 ^{Camp.} Mallee to 40ft on low ridge with brown fine sandy loam. *Beplessia* sp. 3, *Apotropis vittata*. *Coryphistes viricola* *A. sew-* *dennii* to 10ft occ, dense *K. sedifolia* & *A. vesicaria*, occ. *Mitrania* sp., much bare ground with some lichen, a little *Shipa* sp. Return.

11/10

092.6 = 074.7.

103.8. Spring Camp Dam.

106.5 Flat plain with pale brown soil *Genus nov. 32* sp. 1, *Chortoichis terminifera*, Patches of *A. sewdennii* to 10ft, with *Cratystylis conocephala* *K. sedifolia*, grey bush & *A. vesicaria* *Beplessia* sp. 3 all to 2ft., with *Shipa* spp., much bare ground with some lichen.

107.3. Fork to right.

119.3. Short steep ridge with pale brown *vittata*, *Soniala australasiae*, *Macroglopholia* soil with some stones Mallee sp. (j-), *Chortoichis* ~~sp.~~ *platycarpum* *Asper* to 30ft, *Myoporum* ~~about~~ to 20ft, *terminifera*, *Genus nov. 32* sp. 1, *Genus nov. 95*

ochracea, *Oxalea maculata*, **39**

occ. *Heterodendron* to 8ft, *K. sedifolia* to
Cratystylis conocephala *Pycnostictus*
2ft, grey bush to 3ft, *A. vesicaria* to
seriale 3 *Geijera linearifolia*
2ft, occ. ~~*Mypopomum*~~ to 5ft, scattered
small shrubs, including *Olearia* sp.
Sparse *Stipa* spp., much bare
ground.

4121.0 Turned left along fence.

125.0. Turned corner to right, following
fence.

128.0. Turned left along fence.

132.0 Angle in fence. Road cuts it off.

Kyaseris sp. P. 110a, *Apotropeis vittata*, *Genus*

133.0. Slight rise with pale brown fine
nov. 39 sp. 1 & *Mypopomum* ^{platycarpum} to 15ft.

sandy loam waving ^{open} mallee to 40ft +
Genus nov. 32 sp. 1, *Genus* nov. 40 sp. 1, *Gonimera*
leading down to treeless flat. Both areas
australasiae, *Cratystylis conocephala*
with *K. sedifolia* + grey bush to 2ft,
Diplessia sp. 3, *Typhala semieristata*,
A. vesicaria to 18in, occ. *A. nummularia*

to 5ft, *Kochia* spp. + *Bassia* spp, bare
ground with lichens, a very little
Stipa sp. Chork.

141.8. Passed through gate at obtuse
angle of fence, with road in from
left.

142.6 Turned left away from fence.

144.2 Back on fence.

145.0 Eyre Highway

146.5 Mallee to 25ft on slight rise.

Conyphites ruficola, *Beplessia* sp. 3,
Pale brown soil with some stones.
Euphantus quadrilobus, *Uonisa rugosa*,
Open *A. vesicaria* & *A. nummularia*,
Uonisa australasica, Genus nov. 41 sp. 1, Genus
patches of *Eremophila* sp. to 10ft (broom-
nov. 32 sp. 1, *Psychostictus* sp. 2, Genus nov. 95
like, with mauve flowers), & of *Dodonaea*
ochracea, *Apobopsis villosa*
sp. to 6ft., *Elearia* sp. to 1ft scattered
about, especially under trees. *Stipa*
 spp. in open. Patches bare ground, much
litter under trees. *Beplessia*, Genus
nov 95 *ochracea*, *Tippaya*.

145.0 Balladonia H/S.

167.5 Balladonia Motel.

(12/10)

41

4296.3 Norseman P.O.

4300.5 Ridge crest leading to
Genus nov. 48 sp. 2, *Microloba badia*, Genus
rocky knoll (red granite?); brown loam;
nov. 46 sp. 1 (j.), to 15' Genus nov. 95 ochracea,
scattered mallee at base with low
Austroicetes frater (?) (j.)
frs (*Bessia* sp.), *A. VESICARIA* + *MYOPORUM*
sp. leading to *T. roidea* + low *CASUARINA*
sp. higher up slope; — bare rock outcrops
higher

4310.5 Mallee incl. gimlet to 20' flat;
Apotropis vittata, Genus nov. 46 sp. 1, *Lonicera*
brown soil; *A. VESICARIA*, GREY BUSH, odd
austr. *Lasia*, Genus nov. 43 sp. 3, indet. (j.)
MYOPORUM sp. + *MELALEUCA* sp.; last from 2'
to 10'; patches of bare ground with litter
under mallee

4327.8 flat, brown soil; mallee to
Genus nov. 43 sp. 3, Genus nov. 44 sp. 1,
15' + regrowth areas; grove of tall trees to
Apotropis vittata
40'; some *ATRIPLEX VESICARIA*; GREY BUSH;
MYOPORUM sp.; scattered small shrubs;
bare ground but more frequently covered with
thick leaf litter; cassia

4338.9 dif.; brown soil; bare patches; leaf
Chorizandra to 15' *ternstroemia*,
litter, thick mallee; *A. VESICARIA*, GREY BUSH
Macrolophosia sp. (j.)

MYOPORUM sp.; thick MELALEUCA sp. to 8'

~~4348.2~~ turn off to right to water

4351.7 flat dip; light brown sandy soil;
Gomiera australasica
mallee to 15'; A. VESICARIA, occasional

A. NUMMULARIA, GREYBUSH, odd MYOPORUM

+ MELALEUCA

4357.4 Fraser Range grid

4359.9 2nd Fraser Range grid

4360.4 turned off to right

(13718)

4362.1 Camp — just over summit of
Urnisa guttulosa, Chorizandra terminifera
range; flat with STIPA sp. + DANthonIA sp.;
Austrobaileya cruciata, Pycnostictus seriatulus,
scattered Dodonea sp. to 2'6" running to
Corymbia varicosa, Tapeia canescens,
Eucalypt woodland to 40'; steep rocky
Genus nov. 43 sp. 3
rocky granitic outcrop with scattered

grasses, low shrubs + occasional trees to

20' — CHORIZANDRA

13/10

4362.1 Calbar camp

4362.9 Rejoined hwy.

4363.6 Grid

4370.4 Grid

4370.7 Open red soil lowland with dense
Austrobaileya anida, A. cruciata, Pycnostictus
patches of Tridax, EREMOPHICA + scattered
seriatulus, Urnisa guttulosa, Genus nov. 48 sp. 2

Tapeta carneipes, *Apotropis vittata*,
Gymn. nov. 46 sp. 1, *Myoporum* to 5' **43**

A. VESICARIA & *GIREY* to 3'; bordered by
Macrolophia sp., *Chortorichia terminifera*,
mallee with *A. VESICARIA* & greybush

4376.7 Grid - 1st ref. point at Balladonia
sheet

4384.8 turned off to Newman Rock

4385.5 Newman Rock - extensive areas
Uromyza guttulosa, *Pycnostictus sinatus*,
of bare granite; elsewhere thin grassy
Gymn. nov. 95 sp. 1, Gymn. nov. 48 sp. 2
sod. with very low grasses & forbs, occasional

Acacia sp. & white flowering shrub to 5' &
odd belars to 25'

4386.2 regined hwy.

4397.8 low mallee to 15'; red-brown soil
Gymn. nov. 48 sp. 2, Gymn. nov. 46 sp. 1, *Goniaca*
thick cover of low bushes to 3', grey bush, *FR. 101758*
australasiae, *Microla badia*.
' & *MORABONE* seen associated with low

DODONAEA SP.

4414.9 Flat; mallee to 20' light brown
Monistria sp. 2, *Beplessia* sp. 3, *Goniaca*
soil; odd melaleuca to 10'; scattered *ATRIPLEX*
australasiae
VESICARIA & *A. NUMMULARIA*; greybush; various
low shrubs to 1'; mainly bare ground with
thin litter

4417.2 Balladonia Motel

Coryphostes muricola

4426.4 Saltbush Greybush plain
Gomala australasica, *Beplessia* sp. 3,
 (some myoporum to 4') bordered by ferns
Rephanthus quadrilobus, *Apotropis vittata*,
 open mallee with bare ground & some litter
 Genus nov. 32 sp. 1, *Urnsa rugosa*
 & occasional low shrubs — F.A. MORABIN

4434.4 Balladonia H.S.

4435.1 Rejoined hwy. from H.S.

4442.3 Turned left at repeater station
 onto Track

4443.8 end of track

CAMP ~~4443.8~~ Genus nov. 39 sp. 1, *Rephanthus quadrilobus*

4444.1 Ridge top; light brown soil, large

~~4444.1~~ *Comphistes ruscicola*, *Urnsa guttulosa*,
 areas of bare ground & patches of small
 Genus nov. 40 sp. 1, *Beplessia* sp. 3, *Qualitza maculata*,
 stones; STIPA; *A. VESICARIA*, *A. NUMMULARIA*;
Pycnostichus sp. 2, Genus nov. 95 ochracea *Pycnostichus*
MYOPORUM SHRUBS & ODD M. DESERTI & MALLEE

4445.5 rejoined hwy. *seriatum*, Genus nov. 32 sp. 1, *Trypaya*
semicristata

4456.5 flat just beyond extensive saltbush

Genus nov. 32 sp. 1, *Urnsa rugosa*, Genus nov. 95
 area; light brown soil; scattered mallee,
 ochracea, *Gomala australasica*, *Beplessia*
 to 25'. *MYOPORUM*, *A. VESICARIA*, *A. NUMMULARIA*,
 sp. 3, *Pardillana* sp. 11, *Apotropis vittata*
 greybush; large areas of bare ground; litter in
 patches; some STIPA

4468.0 Small saltbush plain, *A. VESICARIA*,
Pardillana sp. 11, *Beplessia* sp. 3, *Chortoides* sp.
A. NUMMULARIA, *KOCHIA BEDIFOLIA*, GREYBUSH,
Perminifera, *Urnsa guttulosa*, Genus nov. 40 sp. 1

SAMPHIRE, BASSIA; SCATTERED MALLEE & MYOPORUM

small areas of bare ground & litter

4478.5 Small saltbush, bluebush, STIPA
Psychotrius sp. 2, *P. senatus*, *Grewia* s. 95
 light brown soil flat bordered by fairly
 ochracea, *Typa* *semicristata*
 open mallee to 20'; *A. VESICARIA*, *A. NUMMULARIA*,
K. SEDIFOLIA + scattered GREYBUSH, SAMPHIRE,
 & MYOPORUM

4482.7 390' Trig

4491.9 small pocket of mallee in
Psychotrius sp. 2
 extensive STIPA covered claypan;
 included MYOPORUM, *A. VESICARIA*, *A. NUMMULARIA*

4493.3 370' Trig

4502.2 Turned off to shed tank

4502.5 Shed tank; STIPA plain with
 scattered mallee + samphire; odd

ATRIPLAX — F.A. — B.N.I. collecting conditions

4502.9 Rejoined hwy.

4514.3 Scattered mallee ^{to 12'} in STIPA plain;
Psychotrius sp. 2
 some low MYOPORUM & SAMPHIRE; some barish
 stony patches

4525.1 Open mallee ^{to 15'} & STIPA — *EREMOPHILA*

Pycnostictus sp. 2, *Apotropis vittata*,
some areas of small stones; thin letter
Genus nov. 95 ochracea, *Coryphistes ruficollis*,
under mallee; *A. VESICARIA* & Greybush with
Coniaca australis, Genus nov. 32 sp. 1
other small shrubs.

4535.1 Caiguna Motel

4536.5 Open mallee to 15'; pale sandy
Beplessia sp. 3, *Urnisa guttulosa*, *U. rugosa*,
Genus *A. VESICARIA*, *A. NUMMULARIA*, greybush,
Genus nov. 32 sp. 1, *Typhala semieristata*,
Malacca, *EREMOPHILA* to 10' small
Pycnostictus sp. 2, *P. seriatus*, Genus nov. 95
Mycoporum shrubs, some dense STPA broken by
ochracea.
areas of bare ground or patches of small
stones.

4549.2 turned right off hwy.

4549.5 (Camp) open STPA plain leading down
Coryphistes ruficollis, *Beplessia* sp. 3,
to *A. VESICULARIA*, Samphire, Greybush, *Stipa*
Austroicetes tenuifera, *Urnisa guttulosa*,
covered claypan; clump of dead & regrowth
Acidopus thalassinus, Genus nov. 41 sp. 1,
mallee, *eremophila*, *Stipa* with patches of bare
Genus nov. 32 sp. 1, *Apotropis vittata*, *Pycnostictus*
light stony ground sp. 2, Genus nov. 95 ochracea,
(75/10) *Austroicetes pusilla*

4549.8 Rejoined hwy.

4559.5 STPA + DANTHONIA plain; scattered
Beplessia sp. 3, *Pycnostictus* sp. 2, *P. seriatus*,
mallee (many dead or showing regrowth);
Genus nov. 95 ochracea, *Austroicetes nullarborensis*,
odd greybush & samphire; scattered
Typhala semieristata, Genus nov. 32 sp. 1
patches of barish ground

Genus nov. 32 sp. 1,
Urnsa guttulosa, *Papilio* sp. 3, **47**

4569.2 *Stipa* covered slight rise; widely
Genus nov. 95 ochracea, *Papilio* sp. 3, *senatus*
scattered *Myoporum* to 6'; *Bassia* & *Mallee*

4576.7 Cacklebiddy

4585.0 Margin between *Stipa* plain &
Pycnostictus variatus, P. sp. 2, Genus nov. 95
mallee rise — plain: *Stipa* with scattered
ochracea, Genus nov. 32 sp. 1

bluebush, greybush, samphire & *Bassia*. —
mallee: to 12'; pale brown soil thin litter,

largely bare soil, low bushes to 2'

Urnsa guttulosa, Genus nov. 32 sp. 1

4596.8 Ridge top; mallee to 12'; thick litter
Apotropis vittata, *Moristina discrepans*, Genus
bare gravelly areas; sparse *Stipa*; many low
nov. 95 ochracea, *Coryphostes runcifolia*
shrubs to 2'; no saltbush or greybush

4604.2 Turn off to Moanera

4606.2 Moanera Tank

Moraine sp. P 180, *Typaga semicristatus*

4607.5 Just below rise; scattered myall
Apotropis vittata, *Urnsa guttulosa*, Genus
& mallee + *Stipa* plains; *A. vesicaria*, *A.*
nov. 41 sp. 1, Genus nov. 95 ochracea, Genus nov.
rammularia, greybush, *Myoporum* & other low
32 sp. 1, *Moraine* sp. P 33.
shrubs to 3'

4627.5 ridge with some small rock

Genus nov. 41 sp. 1, Genus nov. 32 sp. 1
outcropping through thin skeletal soil;
mallee, myall, *stipa*, greybush, *A. vesicaria*,
A. rammularia; light litter; no *Coryphostoides*

4633.2

48

~~4463.2~~ Madura.

4639.0 Turned left up gravel pit road

16/10

4639.4 Camp — gully in scarp; thin
~~4639.4~~ *Urnsia guttulosa*, *Chrostocetes hemisphaera*,
skeletal soil; *Stipa*, *Danthonia*, *A. vesicaria*,
Beflessia sp. 3, *Pycnostictus* sp. 2, Genus nov. 32
Asterandron to 12' in gully; scattered myall
sp. 1
Genus; *Bassia*

4639.8 Rejoined hwy.

4645.6 = 4633.2 Madura

4651.3 = 4639.0 turned left up gravel pit road

4651.8 = 4639.8 rejoined hwy.

4668.2 *Beflessia* sp. 3, *Typaya omicristata*,
Stipa grassland with *A. vesicaria*,
Genus nov. 32 sp. 1, *Austroicetes pusilla*,

grayish & *Bassia* + scattered Myall to 12'
Pycnostictus sp. 2, Genus nov. 95 *Ochracea*
& *Melaleuca*

4675.6 Turned off to chest tank

4676.2 Rejoined hwy.

4683.6 Small Myall patch in *Stipa* plain;
Genus nov. 32 sp. 1, Genus nov. 95 *Ochracea*,

A. vesicaria, *A. nummularia*, *K. setifolia*,
Paspalia sp. 10 (f.)
Bassia; bare patches among myalls

4696.3 Turned off to Mendrabilla H.S.

4698.6 Mendrabilla H.S.

4699.1 Top of scarp; took R/H track; signpost
"Forrest"

4699.3 Close to top of scarp; areas of bare
 limestone + stones to 2'; extensive *Stipa*
Tappaya semicristata
 cover with patches of small stone; scattered
Kuc. sp. to 12, *Melaleuca*, *Atriplex sp.* to
 8", *Bassia*; odd *Chenopodium* & *A. nummularia*

4701.6 Tank

4703.6 Rejoined by loop road

4704.2 Turn off to right

4706.3 fence; straight thro'
Genus nov. 95 ochracea, *Genus nov. 32*

4709.2 slight rise between *Stipa* covered
sp. 1, *Austroicetes pusilla*, *B. plessia sp. 3*, *Urtica*
claypans; scattered small to 10'; *A. verrucosa*
guttulosa, *Genus nov. 41 sp. 1*, *Paspalum sp. 10*,
A. nummularia, *Bassia*; heavy *Stipa* cover
Achyras *sp. P33*

but patches of bare or slightly stony ground

4713.8 fence - ~~thru~~ & thro' gate into yard

4714.0 boundary fence; thro' gate & straight
 ahead; track off to R. & L.

17/10 (camp) *B. plessia sp. 3*, *Genus nov. 41 sp. 1*,

4719.9 slight rise between claypans; dense
~~thru~~ *Genus nov. 32 sp. 1*, *Genus nov. 40 sp. 1*,

Stipa-Danthonia cover; odd scattered *Equis*
 & *M. deserti* *Tapesta carneipes*, *Apotropeo*
 to 12'; clay patches bare or with light
vitata, *Bufozamia sp. 6*

cover of *Bassia* & *Atriplex sp.* to 6";

4724.8 old tank

4738.5 slight rise; heavy clay; limestone
 Genus nov. 32 sp. 1, *Bupleurium* sp. 3
 stones to 18"; scattered myall; *Stipa*
Danthonia, *Bassia*, *K. sedifolia*; small
Atriplex on heavier clay.

4733.8 Bench mark tin

4739.1 Grass covered plain; mainly
Aplopappus villosa, Genus nov. 32 sp. 1, Genus
Danthonia; *K. sedifolia* & *A. vesicaria*
 nov. 40 sp. 1
 to 2'; *Bassia*; large areas of bare
 ground with few stones

4743.7 Track off to left

4749.0 *Stipa* - *Danthonia* plain; *K. sedifolia*
 Genus nov. 32 sp. 1, Genus 40 sp. 1,
 to 2'; *A. vesicaria* to 18"; *Bassia*; some
Achillea sp. P33
 areas of bare ground & bare limestone;
 small composites

4753.7 Trig (T 112) ~~500'~~

4756.1 Larks & Sarsary Mapping Point 500'

4757.3 Rejoined by track from left

4764.2 Claypan; thick *Bassia* with
Grevillea
 scattered *Stipa* & *Danthonia*; large clumps
nematophylla F. Muell. var. *pinnatisecta* C.A. Gardner
 of *Hakea* (?) sp. (see plant press) to 6';
 widely scattered *Eremophila* to 10'; F.A.

Genus nov. 41 sp. 1, Genus nov. 32 sp. 1,

4766.8 *Stipa* - *Danthonia* grassland;
Genus nov. 40 sp. 1, *Tapesta canripes*,
K. sedifolia, *A. vesicularia*, *Bessia* (all 42)
Austrocyathus nullarborensis, *Beplessia* sp. 3,
composites, etc; small areas of slightly
Corypholus ruficola, *Achyrumina* sp. P33
stony ground

4775.0 to ⁴ Forrest P. O.

4780.0 *Stipa* + small *Bessia* - like
Genus nov. 32 sp. 1, Genus nov. 41 sp. 1, *Dualtha*
plant 12"; small patches of slightly
maculata, *Tapesta canripes*
stony ground

4789.3 ridge top; thin skeletal soil
Genus nov. 32 sp. 1, *Austrocyathus nullarborensis*,
extensive curr. like weed: *K. sedifolia*
Tapesta canripes, *Beplessia* sp. 3
to 18", *Atriplex* sp. to 8"; light stony
patches

4794.6 (Est.) Road, turned S.

4796.2 Camp - shrubland

4830.7 = 4796.2

^{18/10}
4832.3 open *Stipa* plain + *Lepidium*; widely
Corypholus ruficola
scattered *Eremophila* to 8'; patches of bar-
like plant

4840.7 *Stipa* - Bluebush plain; small
Beplessia sp. 3, Genus nov. 40 sp. 1,
scattered clay patches; *Myoporum* to 5';
Genus nov. 32 sp. 1, *Achyrumina* sp. P33
A. vesicularia

4852.2 Beginning of rise beyond claypan;
 Genus nov. 32 sp. 1, *Austroicetes*
 thick *Stipa* cover with *K. sedifolia* to
Nullarborensis, *Pycnostictus serialis*, *Achras minima*
 2'6" & *Bassia*; scattered *A. vesicaria*;
 sp. P33
 small patches of bare light clay with
 fine stones

4862.2 Very similar to previous but
 less clay apparent

4866.7 Cave
 Genus nov. 32 sp. 1, *Achras minima* sp. P33

4872.9 Same as 4862.2

4878.5 *Austroicetes* as Genus nov. 32 sp. 1, Genus
 as before but no *Bassia*
 nov. 40 sp. 1

4882.3 Hughes - Eucla signpost

4884.8 *A. vesicaria* - *K. sedifolia* to 2'6"
Typha semicristata, *Austroicetes nullarborensis*
 equally abundant; *K. sp.* to 6"; *Stipa*;
 widely scattered myall.

4888.3 returned to rabbit pits

4888.5 guts = 4888.1

4889.5 (wt.) old fence

4891.3 road in from right

4891.4 road in

4893.4 50 yds. into mallee beyond
Gomara australasica, *Austroicetes guttulosa*,
 treeless plain; mallee to 15'; *melaleuca*;
Monistria discrepans, Genus nov. 40 sp. 1,

Myoporum sp. & *Eremophila* sp. to 2'; bare
 Gumnus nov. 32 sp. 1, Gumnus nov. 95 ochracea,
 stony ground or leaf litter in mallee;
Pycnostictus sp. 2, *P. seriatus*, *Antrodictes*
 bordered by thick cover of *Stipa* sp. on
 mallee bareness
 plain

4894.2 road in from right

4899.3 ~~type~~ Hwy,

4899.5 to 4903.4 Motel *Pycnostictus* sp. 2, *Qualitella*
maculata, *Unisa guttulosa*,
Beplessia sp. 3

(19/10)

4904.0 Scarp below motel; thin
Coryphistes ruficola, Gumnus nov. 95 ochracea,
 stony soil; low mallee to 10'. thick
 Gumnus nov. 32 sp. 1, *Pycnostictus seriatus*
Stipa; *A. vesicaria*, *A. rumicaria*;
 odd *Melaleuca*; scattered low bushes &
 shrubs to 2'6"

4904.6 Motel

4909.8 Mallee to 15'. no grasses; K.
Pycnostictus seriatus, *Unisa rugosa*,
sedifolia; *A. vesicaria*; *Eremophila* (blue
U. guttulosa
 tubular flower) on which 2 *Morabius* were
 seen

4922.0 As for previous stop; mallee a little
Monistria discrepans, *Unisa rugosa*
 more open; no *Kochia* but *Corynebium* present

4928.7 Blowhole

4935.8 Tank

4934.8 Part way up river; dense *Stipa*
pycnostichus seriatas, P. sp. 2, Genus nov.
 26" but also patches of pale brown
 32 sp. 1, *Austroicetes pusilla*, Genus nov. 75
 soil; scattered *Myall* & *Mallee* to 12'
ochracea, *Uromisa rugosa*
A. nummularia, *A. vericaria*; 1 or 2
 species of low herb

4939.9 Tank

4944.8 Blowhole

4957.5 slight depression in *Stipa*
Austroicetes pusilla, *A. nullarboensis*,
 plain; *K. sedifolia*; odd *A. vericaria*;
 Genus nov. 41 sp. 1
 Samphire; *Bassia*; widely scattered
 myalls to 12'

4965.5 Turned off to Koonalda H.S.

4969.8 Koonalda

4974.0 = 4965.5 Rejoined hwy.

4983.0 Turned right along repeater
 station site No. 39 road.

20/10

4985.9 Repeater station — Camp —
~~Cryptis~~ *Coryphistes ruficola*, Genus nov. 41 sp. 1,
 grassland dominated by *Danthonia* but
Pycnostichus seriatas, P. sp. 2, *Uromisa*
Stipa also present. extensive *McLalacca* to 8'
Gutierrezia, *Austroicetes pusilla*, *Uromisa rugosa*,
 surrounded by bare earth or thin grasses;
 Genus nov. 39 sp. 1, Genus nov. 32 sp. 1
 occasional *Myall* & *Exocarpos*

7989.0 Rejoined hwy.

5041.5 turned off to Nulbarb H.S.

5043.0 rejoined hwy.

5043.9 turned right off hwy.

5044.1 *Stipa-Danthonia* grassland;
scattered *Oldenlandia*, *Samanea*;
A. vesicaria; F.A.; 105° in cab + blowing
wind

5052.9 c no grasses; cliff top; variety
of shrubs, etc to 10"; included *Bassia*,
Samanea, *A. vesicaria*, *Messerschmidia*,
several grasshoppers seen but impossible
to collect because of prevailing wind
conditions; cab. temp 108°

5061.9 = 5043.9 rejoined hwy.

5071.3 Grid

5079.1 Grid

5081.0 Top of rise, light pale soil;
Stipa-Danthonia; *Bassia*; *A. vesicaria* to 18";
Samanea; 110°; B.N. collecting conditions

5081.6 Grid

5888.4 Ivy Tanks motel

5897 Change into mallee - small
sand dune country; note for future
ref.

5103.2 Undulating sand dunes; mallee
Beplessia sp. 3, *Apotropis vittata*, *Goniaca*
to 20' with odd myalls; greybush to 2' 6";
austrohalasiae
Brassia; odd *A. vesicularis* + *Stipa* -
Danthonia

5105.5 Grid; border of Aboriginal
Reserve

5129.5 Mission Turn-off

5146.0 Turned off to Colona #5

5152.5 ridge along Colona track; pale
Coryphistes muricola, *Ulinia guttulosa*, *U. rugosa*,
sandy soil; *Stipa* of varying density;
Qualeya maculata, *Paspalum* sp. 9, *Apotropis*
Atriplex vesicularis to 18". Greybush to
vittata, *Grass* nov. 95 ochracea, *Perygynia*
3; *Myoporum* to 4; myall + mallee to 20';
serotinus, *Typha* *semitristata*, *Goniaca*
Stipa plain back below ridge; *Cleome*
austrohalasiae, *Proserpinaca* sp. P 127a.
to 1'; other low bushes

21/10
5157.5 Ripened lux.

5160.2 Reserve boundary

5168.6 Wheat land verge (50 yls) Mallee

to 25' — *Melaleuca* to 15'; scattered *A. Tuppaya*, *semicristata*, *Apotropis vittata*, *vesiculana*; — no grass under trees; *Genus nov. 95 ochracea*, *Urnisa rugosa* fairly thick *Bassia* — succulent — litter cover; *Stipa* round wenger; pale sandy soil

5171.0 Nundroo H.S.

5175.3 Turned right on Fowlers Bay Rd

5180.0 just below ridge; thick *Urnisa rugosa*, *Genus nov. 95 ochracea*, *Stipa* + clover-like grass; *Melaleuca* *Achurimima* sp. P33 bushes to 6'; *Morabine* associated with *Stipa*

5181.6 Cross roads; turned left

5185.2 Cross roads; straight ahead

5188.2 Part way up rise; thin sandy *Urnisa rugosa*, *Genus nov. 95 ochracea* soil; *Mallee* (18') — *Melaleuca* (12') thick *Stipa* covered with litter under mallee;

scattered *A. vesiculana* to 1'; some *Pinus* *morabine* seen associated with *Stipa*

5192.4 Fowlers Bay P.O.

5198.3 Undulating sand dunes; pale *Urnisa guttulosa*, *Proserpinaca* sp. P127a very sandy soil; mallee — *Melaleuca* to 12'; *A. vesiculana*, *Bassia*,

+ other low shrubs; 1 more bene
in melaleuca; 1 on dry moss

5202.1 road junction; turned right
"Glen Bence"

5267.0 over ridge crest; sandy soil
Unisa guttulosa, *U. rugosa*, *Apotripis vittata*,
but more low than last stop; mallee
Bupleurium sp. 3, *Typha semicristata*
to 20'; melaleuca to 12'; a little
Stipa, *A. vesicularia*, *Bassia*; low shrubs
to 8'

5211.8 Kyse Hwy.

5233.9 Penong

5245.8 Watrola turn. off to right

5247.6 rise; pale soil; mallee to 20';
— *Unisa* now 32 sp. 1, *Austrobaileya cruciata*,
Leptopodium from beach ferns to 15'; grasses;
Unisa rugosa, *Coryphistes variegatus*,
A. vesicularia; *Stipa* - *Danthonia* in
Typha semicristata
varying density

5252.4 Cross roads

5271.7 Turned right on Denial Bay Rd.

5272.3 River crossing

5273.6 Bay; T junction; turned right

5275.3 Cross roads; turned right to
Denial Bay Jetty

5276.4 Jetty; took track just ^{bay} PO along

5278.3 Turned back

22/10

5280.7 Camp. — (22/10) sand dunes;
Typha semicristata, *Proserpinaca* sp. P1276?
 scattered mallee to 18'; greylush *Exemphila*
 to 4'; scattered *A. vesicular* & other shrubs;
Melaleuca

Desert Bay

5282.7 Cross Roads; turned right

5288.5 Lype Hay.

5290.0 Ceduna

5290.8 left Ceduna

5323.3 Open mallee to 25'; odd *Callitris* to
Urtica rugosa, *Proserpinaca* sp. P1276
 12'; *Delonix*; *Exemphila* (more than 1 sp.);
Stipa & other grasses, mainly thin; *monobise*
 associated with small *Myoporum*.

5323.4 Turn-off to farm house

5326.0 turn off to left to Cheringina

5331.3 major cross roads

5339.0 cross road

5341.1 open mallee to 25'; *Callitris* to 18'.

Stipa, oats, & other grasses; very few scattered shrubs

5348.8 Winala

5355.6 Thicker mallee to 25' on sand
Typaya semicristata, *Rehmannia asinus* (?)
 dune; *Melaleuca* to 15'; *Bassia*; & no
 grasses; low succulent (3"), odd shrubs
 to 18"

5357.5 Cross roads

5365.8 Streaky Bay turn-off

5375.0 Sandy soil; several grasses but
Uruia rugosa, *Uruia australasica*,
Stipa dominant; mallee to 18' with litter
Pardillana sp. 11 (j.), *Hypoxis vittata*,
 layers of varying thickness beneath; areas
moreline sp. (j.)
 of bare ground; *Melaleuca* sp.; *Hypoxis*
 sp.

5377.6 Cross road; Poochera

5390.2 just below ridge crest; mallee
Uruia nov. 48 sp. 2, *Uruia* nov. 95 ochracea,
 to 15' broken by more open patches of
Uruia rugosa, *Apotopis vittata*, *Proxifera*
Eremophila, low euc., *Tricida* & low
 sp. P128.
 shrubs; 1 moreline taken on spinifex

5399.0 Minipa

5401.2 very similar to previous stop but
Apotopis vittata, *Uruia* nov. 48 sp. 2
 fewer shrub species

5409.6 Yarrabee Rly Str.

5418.5 Pygmy (crossroads)

5420.6 strip between hwy. & mallee; wheat
Gomaea australasica
on either side; red sandy loam; mallee
to 18'; *Atriplex vesicularia* (!); greynish
to 12"; *Cassia*; other low bushes & shrubs;
very disturbed area

5422.2 Verdina Rly. Stn.

5430.4 Kyancutt Silos

5430.6 turn-off to right

5431.2 Mallee to 20'; *Stipa* - Oats, etc.
Urtica rugosa, *Typha* *semicristata*,
surrounding trees; *Eremophila*, small
Pardillana sp. II, *Gomaea australasica*
area of *Spinifex*

5443.5 turned back

5444.7 turned off onto old road

23/10
5445.5 Camp. — (23/10) — low (7') mallee

regrowth along old road; higher mallee (12')
Leptospermum var. 48 sp. 2, *Coryphobos* *ruicola* (j.)
further over but consisted solely of Mallee
& melaleuca on reddish sandy soil;
better conditions between old & new roads,
fewer Melaleucas, mallee still short but
greater variety in shrubs including *Triodia*
whiter sandy soil; ~~probably all regrowth~~

5446.1 = 5444.7 rejoined hwy.

5453.7 Koongrawa School

5457.8 Warmanbo turn-off

5458.1 Ridge Top with granitic rock
Genus nov. 48 sp. 2, *Urnisa rugosa*,
autoerecting; open mallee to 15' + younger
Coryphosia runcicola (j.)
regrowth; several species of lower shrubs

1' to 5'; *Stipa*, wild oats & other grasses

5469.6 Darke Peak 25 mi. turn-off

Vandiemenea viatica (456), *Prozifera* sp.

5472.7 Sand dune in crop fields - mallee
Genus nov. 35 sp. 1, Genus nov. 48 sp. 2,
to 6'; low melaleuca-like bush to 5';
Urnisa rugosa, *U. guttulosa*, Genus nov. 95 sp. 1,
ground cover shrub to 1' in which
Austroicetes anda *Dodonaea* sp.
moralines were taken (see plant press)

5478.9 Darke Peak 22 mi. turn-off

5483.9 Wadikie 16 mi turn-off —
(both to 10')

mallee - *Callitris*, strip left on top of sand
Urnisa rugosa
ridge in cropped field; numerous small
shrubs, including *Hakea* sp. & occasional
Tricida

5489.7 Kimbar Hwy. Bth. Crossing

5494.1 White sand ridge top; scattered
Urnisa guttulosa (j.)
mallee + melaleuca; very large

spiriferous tursocks; several grasses; BNFA

5494.9 Cross roads

5500.5 Kelly Hall 10 mi. turn-off

5504.8 Ridge crest; reddish sandy loam;
to 18'

Mallee-melaleuca, only on L.H.S. of road;
Apotropis vittata, Chorizandra terminifera,
more variegated (i.e. small shrubs including
Urnisa guttata, Pycnostichus sp. 2, Coperrala
Atriplex sp., Greylush, Bassia) on road
sp. 1
nerves & R.H.S.

5514.5 (C) change into myall

5516.8 valley bottom; red sandy loam;
Lonicera australasiae, Onalitta
mallee to 28'; odd myalls; $\frac{c}{2}$ no grasses;
maculata, Coperrala sp. 1, Apotropis vittata,
odd A. vesicularia; Greylush abundant $\frac{c}{2}$
Peplisia sp. 2
to 3'; & 2 other low bushes; bare

ground or with litter cover; odd Calcearia;
Melaleuca thickets to 12'; Bassia

5536.6 Turned right into farm dam

5536.8 Farm dam; scattered myall;
to 18'
Coperrala sp. 1, C. sp. 6, Cratichneumon sp. 2,
abundant blackbush; A. vesicularia;
Pycnostichus sericans
thin grasses; red sandy soil; Heterodendron
to 15'

5544.2 Turned off to Iron Knob

5546.5 Rejoined hwy.

5549.7 Myall strip on low ridge; red
Cupanassa testacea, *Beplasia* sp. 2,
 clay soil with patches of stones to 2"
Phaneroceros testudo, *Caperula* sp. 1
 diameter; *A. vesicaria*, *Kochia* + *Bassia*;
 1 LFA taken

5556.5 turned left onto Wartaka Road

5557.8 turned back

5558.5 Camp — (24/10) — just over
Cupanassa testacea, *Onalitta maculata*
 ridge crest; open *A. vesicaria* + samphire;
 red sandy soil; areas of bare stones
 abt. $\leq 3'$ running down to dry sandy
 creek bed

24/10

5559.1 rejoined hwy.